

### AMENDMENTS TO THE CLAIMS

In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

1-15. (Cancelled)

16. (Currently Amended) A ceramic coated fiber, comprising:

(a) a fiber, and

(b) ceramic, having a composition different from that of the fiber,  
coated on the fiber,

wherein the ceramic has a BET surface area of at least 60 m<sup>2</sup>/g, and  
the ceramic comprises crystalline ceramic.

17. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises TiO<sub>2</sub> and/or TiON having an anatase structure.

18. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises at least one member selected from the group consisting of TiO<sub>2</sub>, TiON, TiOS, Al<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub>, and MgO.

19. (Currently Amended) The ceramic coated fiber of claim 16, wherein the ceramic has a ~~B.E.T.~~ BET surface area of 60 m<sup>2</sup>/g to 300 m<sup>2</sup>/g.

20. (Currently Amended) The ceramic coated fiber of claim 16, wherein the ceramic ~~comprises~~ accounts for 10 to 90% by weight of the ceramic coated ~~fibers~~ fiber.

21. (Currently Amended) The ceramic coated fiber of claim 16, wherein the ceramic further ~~comprising~~ comprises silver and/or palladium.

22-27. (Cancelled)

28. (Original) A ceramic coated fiber, comprising:  
(a) a fiber, and  
(b) ceramic, coated on the fiber,  
wherein the ceramic has a BET surface area of at least 50 m<sup>2</sup>/g, and  
the ceramic comprises at least one member selected from the group  
consisting of Al<sub>2</sub>O<sub>3</sub>, ZrO<sub>2</sub>, and MgO.
29. (Currently Amended) The ceramic coated fiber of claim 28, wherein  
the ceramic has a ~~B.E.T.~~ BET surface area of 60 m<sup>2</sup>/g to 300 m<sup>2</sup>/g.
30. (Currently Amended) The ceramic coated fiber of claim 28, wherein  
the ceramic ~~comprises~~ accounts for 10 to 90% by weight of the ceramic coated  
~~fibers~~ fiber.
31. (Currently Amended) The ceramic coated fiber of claim 28, wherein  
the ceramic further ~~comprising~~ comprises silver and/or palladium.
32. (New) The ceramic coated fiber of claim 28, wherein the ceramic has  
a BET surface area of at least 60 m<sup>2</sup>/g.
33. (New) The ceramic coated fiber of claim 28, wherein the ceramic has  
a BET surface area of 60 m<sup>2</sup>/g to 2000 m<sup>2</sup>/g.
34. (New) The ceramic coated fiber of claim 28, wherein the ceramic has  
a BET surface area of 100 m<sup>2</sup>/g to 500 m<sup>2</sup>/g.
35. (New) The ceramic coated fiber of claim 28, wherein the ceramic has  
a BET surface area of at least 100 m<sup>2</sup>/g.
36. (New) The ceramic coated fiber of claim 16, wherein the ceramic has  
a BET surface area of 60 m<sup>2</sup>/g to 2000 m<sup>2</sup>/g.
37. (New) The ceramic coated fiber of claim 16, wherein the ceramic has  
a BET surface area of 100 m<sup>2</sup>/g to 500 m<sup>2</sup>/g.

38. (New) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of at least 100 m<sup>2</sup>/g.